

SECTION VI.—BIBLIOGRAPHY.

RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological and seismological work and studies:

Amur. Meteorologicheskago biuro.

Izvestia, vypusk 3, 1915 g. Blagoveshchensk. 1915. 2 p. l., 164 p. 25 $\frac{1}{2}$ cm.

Australia. Bureau of Meteorology.

Results of rainfall observations made in New South Wales during 1909-1914. Including yearly totals at 167 stations; also maps, diagrams, and complete monthly total rainfall at 2,067 stations for all years of record; also results of meteorological elements and normals at Sydney from 1840. By H. A. Hunt. Melbourne. 1916. 224 p. plates. 29 $\frac{1}{2}$ cm. [See this issue of the REVIEW, p. 393.]

Blue Hill meteorological observatory.

Observations and investigations, 1915, with summaries for thirty years, 1886-1915. Cambridge. 1916. 2 p. l., 183-231 p. 6 pl. 30 cm.

Cambridge. University, Solar physics observatory.

Third annual report of the director, 1915 April 1-1916 March 31. [Cambridge. 1916.] 8 p. 28 cm.

Cienfuegos. Observatorio de Montserrat.

Anales, no. 5. Observaciones meteorológicas de 1915. Habana. 1916. 1 p. l., 7 p. tables. 33 cm.

Claxton, T. F.

The climate of Hongkong. Hongkong. 1916. 39 p. plates. 33 $\frac{1}{2}$ cm. (Appendix to Hongkong observations, 1915.)

Colamonicò, Carmelo.

La pioggia a Bari. Bari. 1915. 99 p. 25 $\frac{1}{2}$ cm. (Studi corologici sulla Puglia, 3.)

Courty, F.

Observation des orages de 1915 dans les départements de la Gironde et partie de la Dordogne. Expériences des paragréles électriques Bordeaux. 1916. 40 p. 24 cm. (Extrait du Bulletin de la Commission météorologique de la Gironde, année 1915.)

Everdingen, E. van.

The propagation of sound in the atmosphere. 28 p. ii pl. table. 26 $\frac{1}{2}$ cm. (K. Akad. van wetenschappen te Amsterdam. Reprinted from: Proceedings v. 18, p. 933-960.) [Abstract in this REVIEW, May, 1916, p. 246.]

Hongkong. Royal observatory.

Report of the director, for the year 1915. Hongkong. 1916. 15 p. 24 $\frac{1}{2}$ cm.

India. Meteorological department.

Statement of rainfall and snowfall of India in January and February 1916, and a comparison of the seasonal forecast with the actual precipitation. [Simla. 1916.] 2 p. 33 cm.

Indo-China. Service météorologique.

Bulletin pluviométrique. Tableaux mensuels, annuels et carte. Année. 1915. Phu-Lien. 1916. unpage. 39 $\frac{1}{2}$ cm.

McAdie, Alexander [George].

The winds of Boston and vicinity. Cambridge. 1916. 1 p. l., 211-231 p. 6 pl. 30 cm. (Reprinted from the Annals of Harvard college observatory, v. 73, pt. 3.)

Milan. Osservatorio astronomico di Brera.

Osservazioni meteorologiche e geofisiche, 1915. Ser. iii, v. vii. Milano. 1916. xxii, 49 p. ii pl. 30 $\frac{1}{2}$ cm.

Montessus de Ballore, Fernando de.

Historia sísmica de los Andes Meridionales al sur del Paralelo xvi. Sexta parte: Adiciones areas de destrucción y de sacudimiento. Santiago-Valparaíso. 1916. 86 p. 25 $\frac{1}{2}$ cm.

Nemerchi. Observatoire géophysique Morcoff à Nijni-Oltchedaef.

Marche des éléments météorologiques en 1915. [In Russian and French.] [Nemerchi. 1916.] chart, 50 x 76 cm.

Shaw, [William] Napier.

Illusions of the upper air. [London. 1916.] 22 p. 21 $\frac{1}{2}$ cm. (Royal institution of Great Britain, weekly evening meeting, March 10, 1916.)

Spain. Observatorio central meteorológico.

Anuario. I. Madrid. [1916.] vii. 313 p. 32 p.

Sweden. Meteorologiska centralanstalt.

Meteorologiska iakttagelser i Sverige, 1914. Observations météorologiques suédoises, 1914. [In Swedish and French.] Stockholm. [1916.] xii, 175 p. 31 cm.

Taylor, Griffith.

Initial investigations in the upper air of Australia. [Melbourne. 1916.] 16 p. plates. 31 cm. (Australia. Bureau of meteorology. Bulletin no. 13.) [See this issue of the REVIEW, p. 384.]

United Provinces of Agra and Oudh.

Brief report of the meteorology of the United Provinces for the year 1915. Allahabad. 1916. 1 p. l., 5 p. 33 cm. Monthly and annual rainfall table for the year 1915. [Allahabad. 1916.] 17 p. 33 $\frac{1}{2}$ cm.

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the Library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Aviation and aeronautical engineering. New York. v. 1. August 15 1916.

McAdie, Alexander. Aviation and aerography. p. 8-11.

Engineering news. New York. v. 76. August 3, 1916.

Kadel, Benjamin C., & Abbe, Cleveland, Jr. Water-evaporation studies by Weather Bureau. p. 200-201.

Science. New York. v. 44. 1916.

Very, Frank W. Atmospheric transmission. p. 168-171. (Aug. 4)

Lee, Frederic S. Recent progress in our knowledge of the physical action of atmospheric conditions. p. 183-190. (Aug. 11)

Scientific American supplement. New York. v. 82. August 26, 1916.

Sound propagating and zones of silence. p. 139. [From Engineering.]

Symons's meteorological magazine. v. 51. July, 1916.

Robert Henry Scott, Dublin, 28th January, 1833-London, 15th June, 1916. p. 81-83. [Obituary.]

Annales de physique. Paris. t. 5. Mai-juin 1916.

Mathias, E. Sur trois observations d'éclairs en boule faites sommet du Puy de Dôme. p. 365-366.

Nature. Paris. 44 année. 22 juillet 1916.

La protection contre la foudre. p. 62-64.

Homel en dampkring. Den Haag. 14 jaarg. Juli 1916.

Monné, A. J. Verband tusschen het weer en de houding van schoolkinderen. p. 33-37.